

Fig. 1A

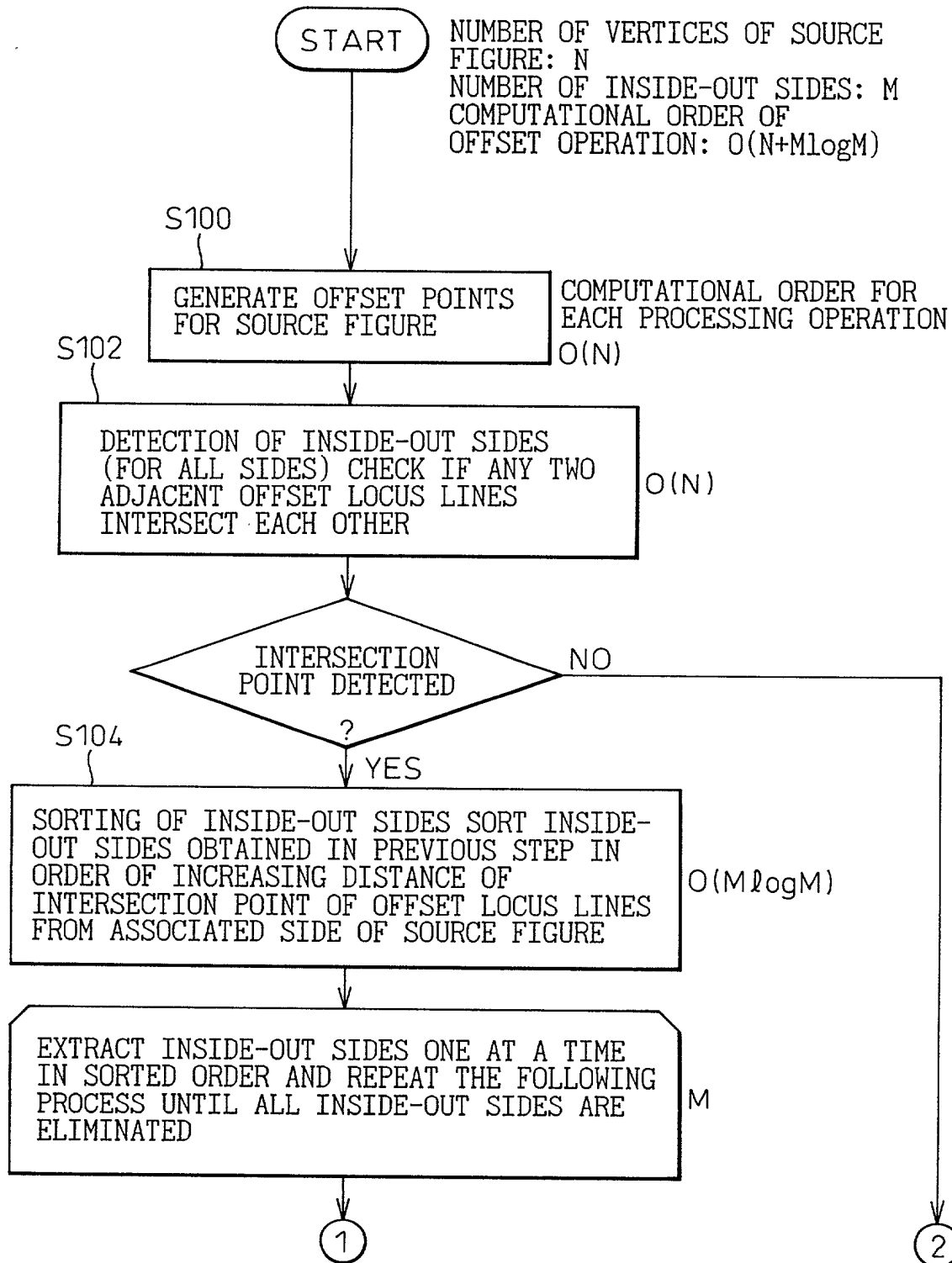


Fig. 1B

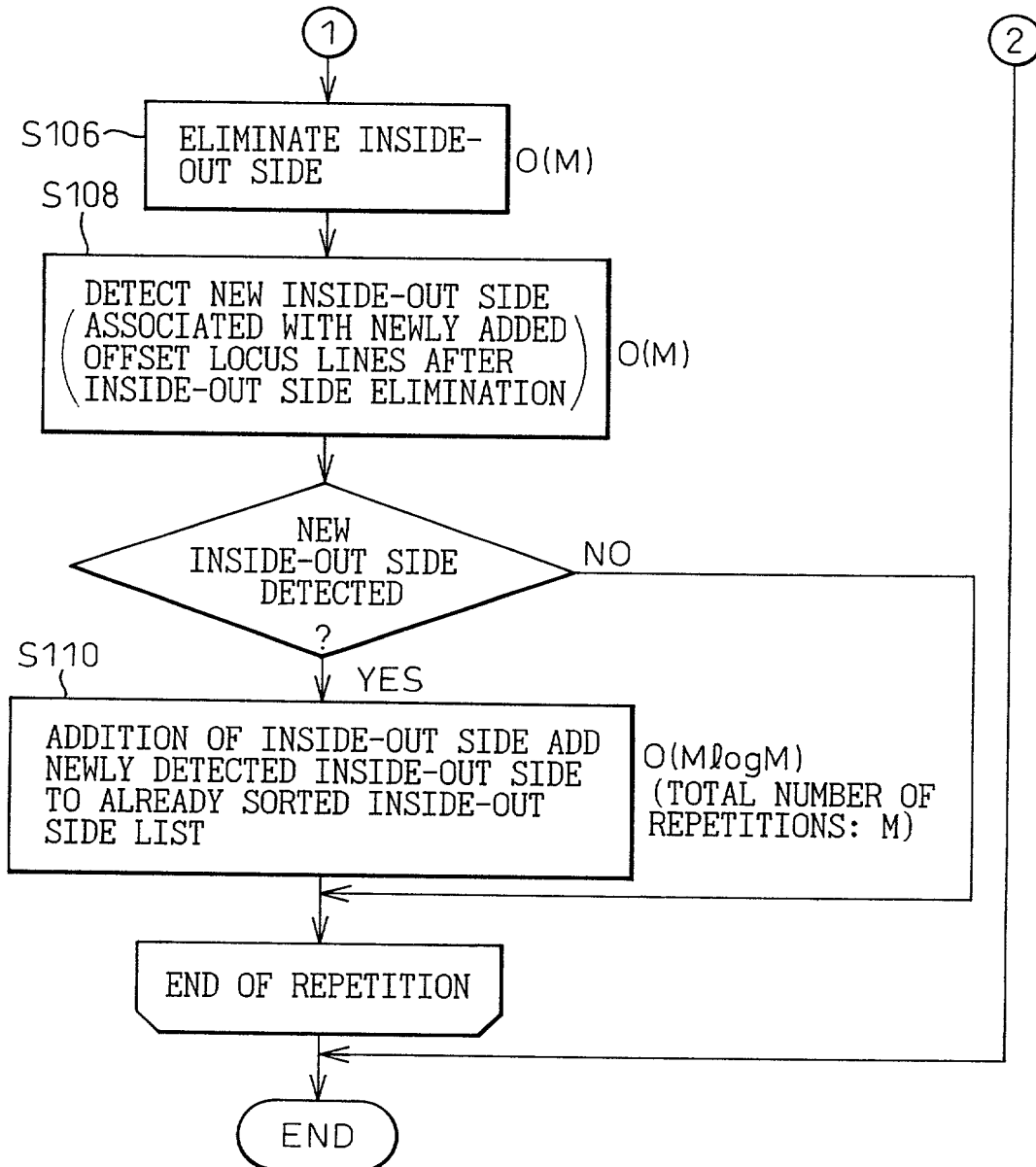


Fig.2

Diagram illustrating the intersection point  $p_{56}$  of adjacent offset locus line segments A and B. The diagram shows a complex polygonal shape with vertices labeled  $p1, p2, p3, p4, p5, p6$  and their corresponding offset points  $p1', p2', p3', p4', p5', p6'$ . Segment A is a solid line connecting  $p4$  and  $p5$ , while segment B is a solid line connecting  $p3$  and  $p6$ . Dashed lines represent the offset locus segments. The intersection point  $p_{56}$  is marked at the intersection of these segments. A dimension line at the bottom indicates the "SIZING AMOUNT" as the distance between the original vertex  $p6$  and its offset point  $p6'$ .

Fig.3

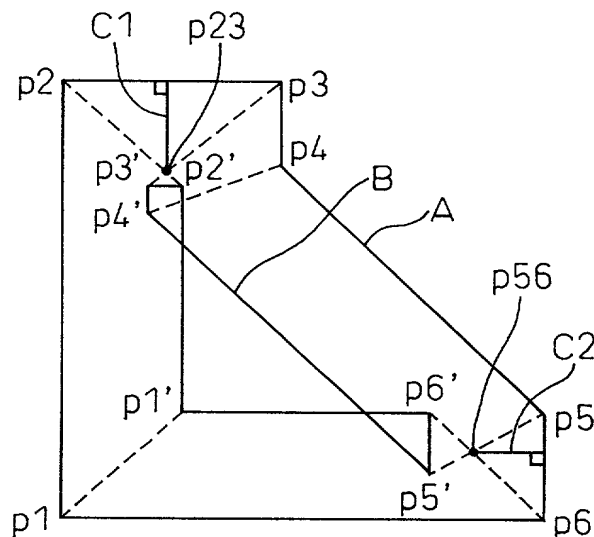


Table 1. Demographic characteristics of the study population	
Age (years)	65.0 ± 10.0
Gender	
Male	50 (50.0%)
Female	50 (50.0%)
Marital status	
Married	40 (80.0%)
Single	10 (20.0%)
Education level	
High school or above	30 (60.0%)
Below high school	20 (40.0%)
Occupation	
Retired	30 (60.0%)
Unemployed	20 (40.0%)
Income (USD/month)	
< 1000	10 (20.0%)
1000-2000	20 (40.0%)
> 2000	20 (40.0%)
Comorbidities	
Hypertension	30 (60.0%)
Diabetes	10 (20.0%)
Cholesterol	20 (40.0%)
Smoking status	
Smoker	10 (20.0%)
Non-smoker	40 (80.0%)
Alcohol consumption	
Drinker	10 (20.0%)
Non-drinker	40 (80.0%)



Fig.5

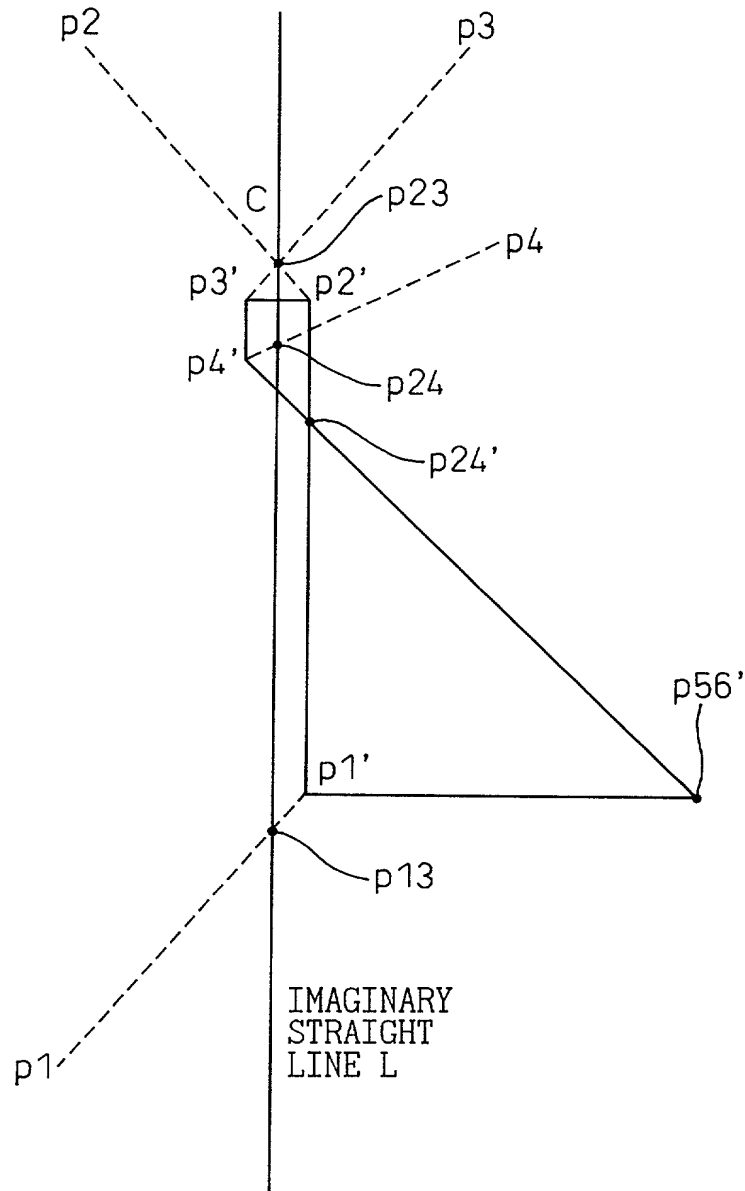


FIG. 5

Fig.6

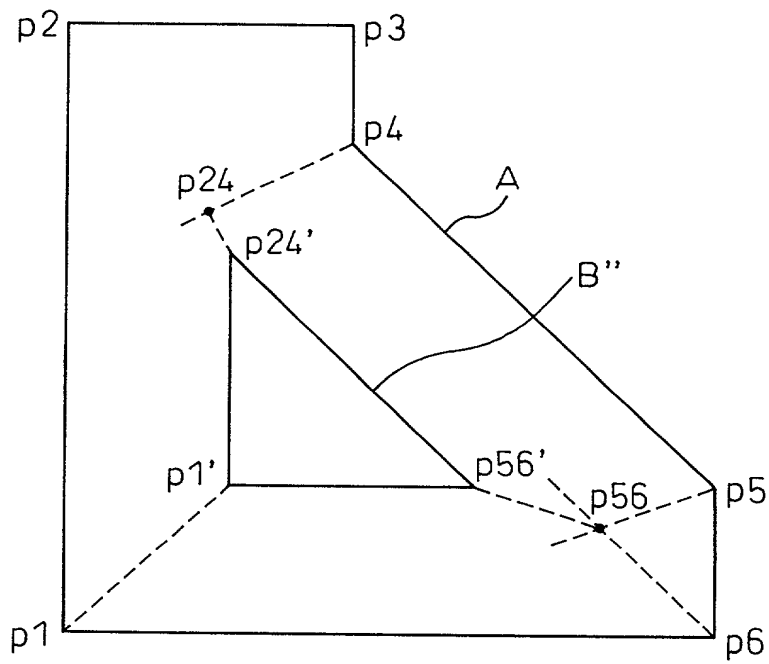
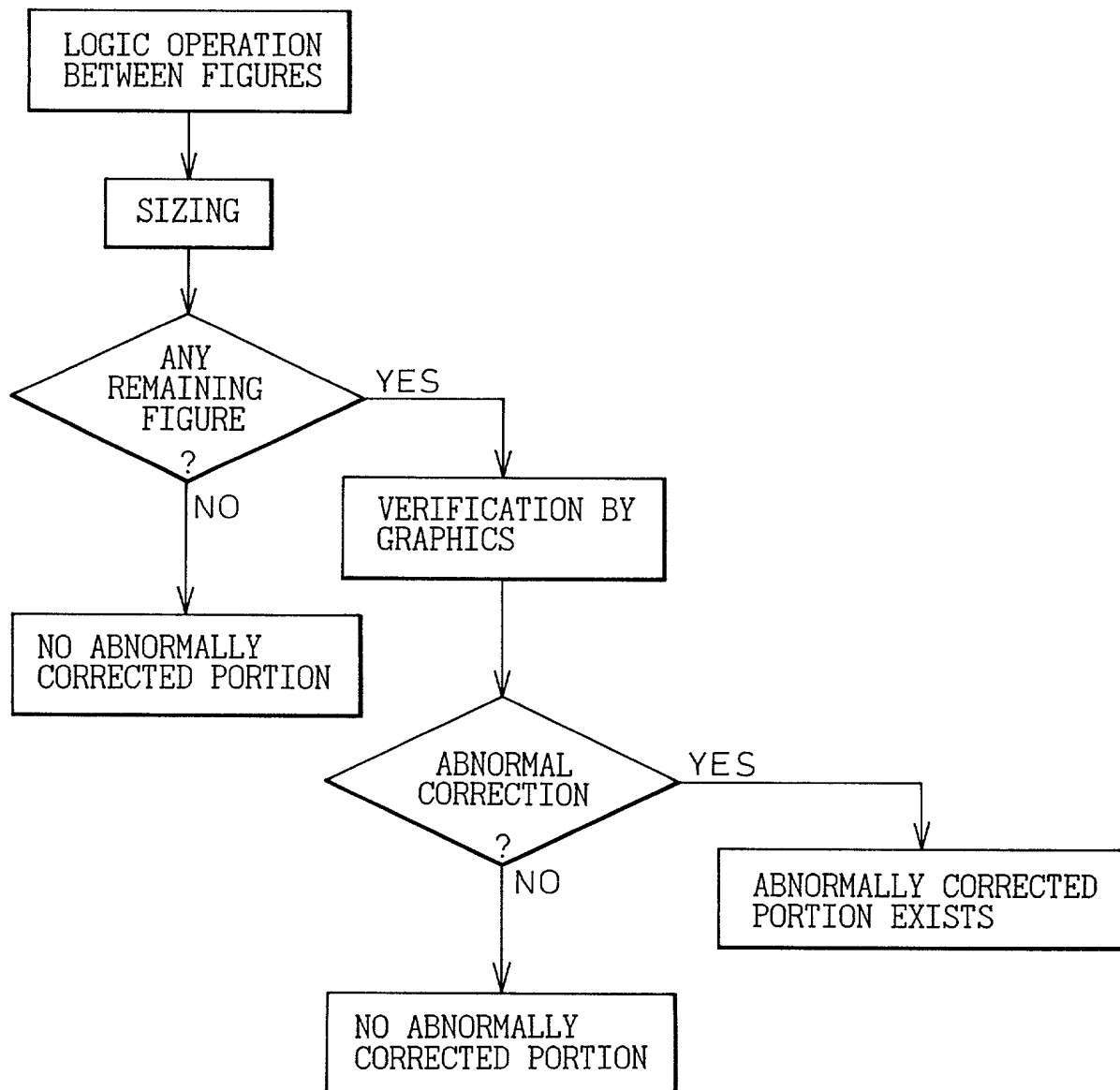




Fig.7B





9/15  
Fig.8

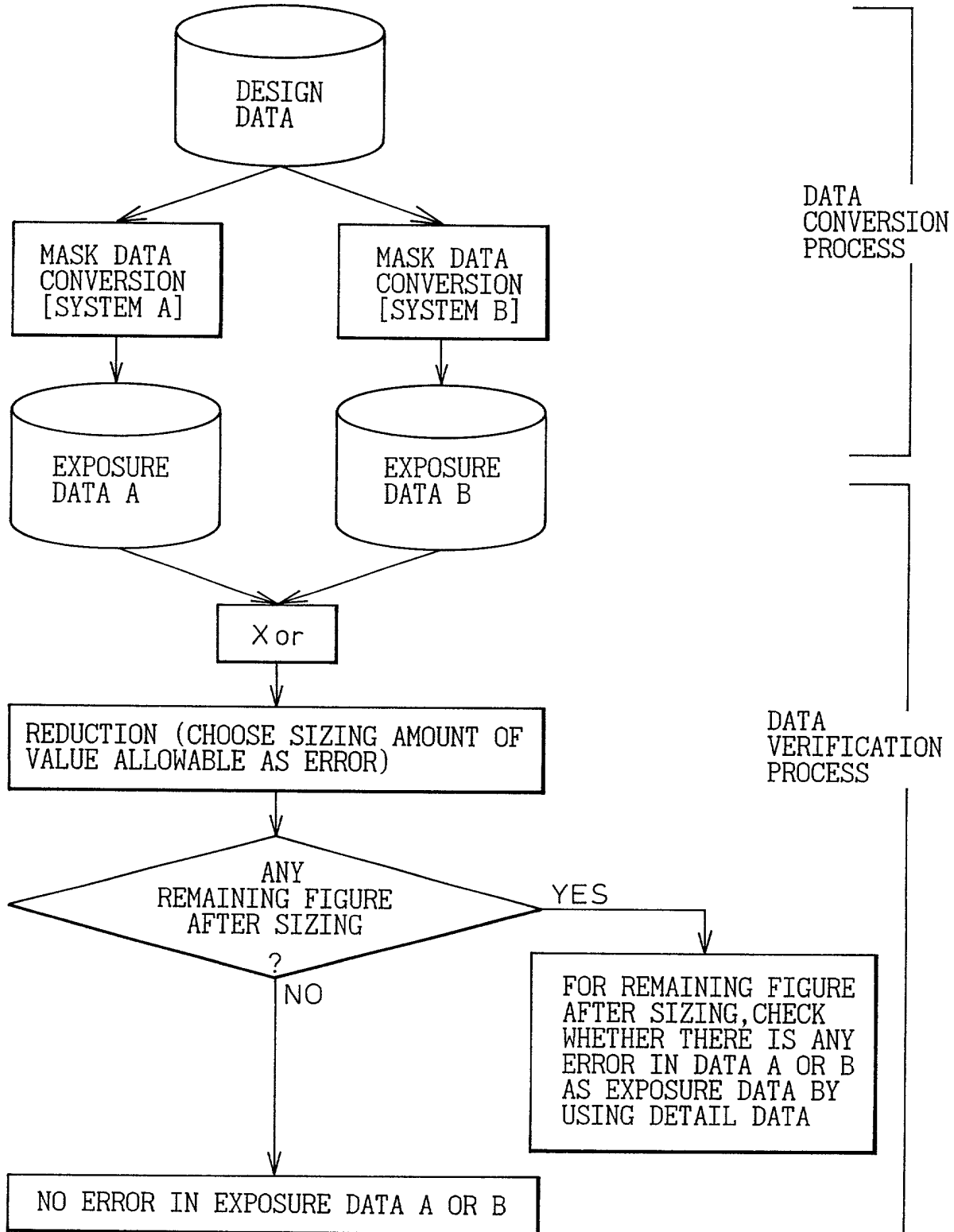


Fig.9

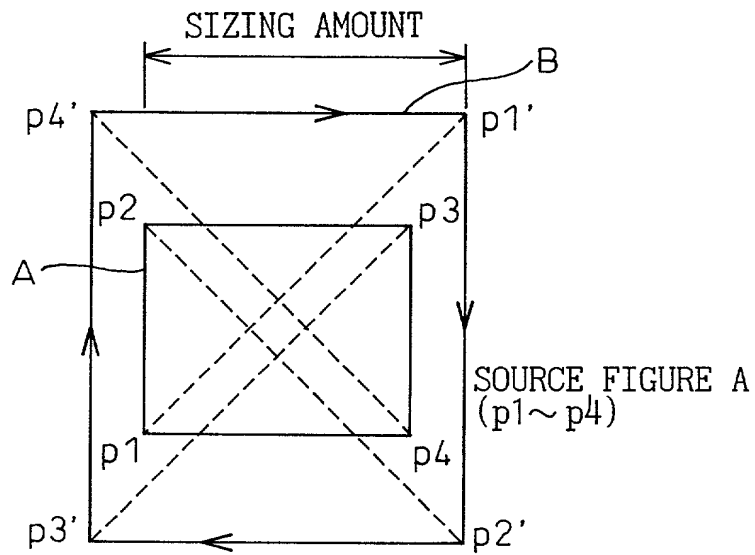
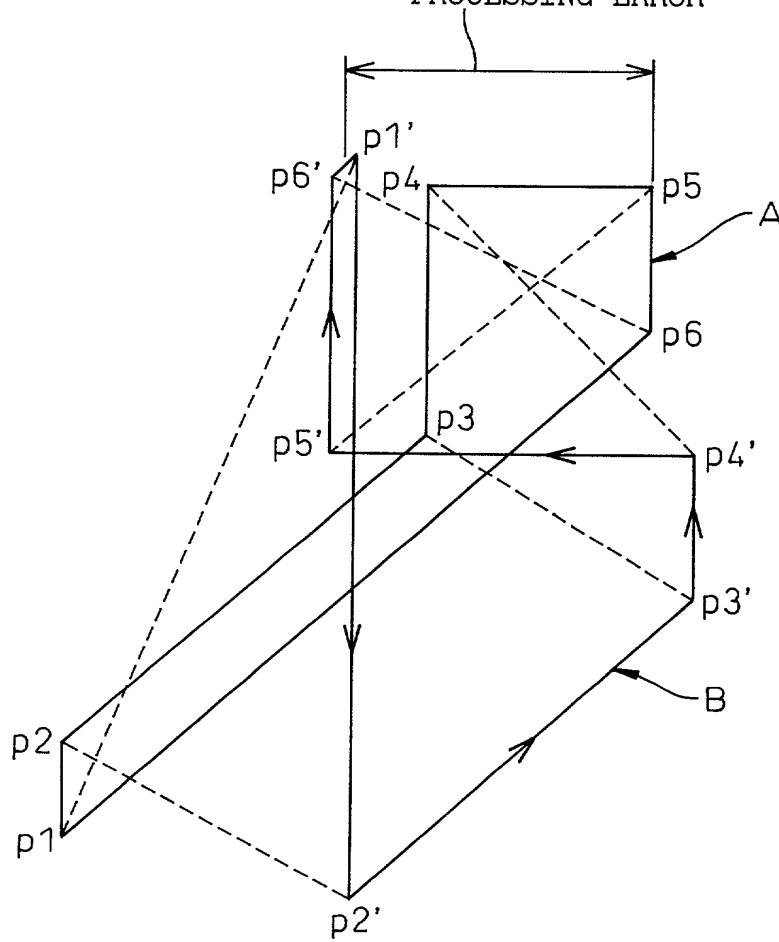


Fig.10

SIZING AMOUNT=VALUE ALLOWABLE AS  
PROCESSING ERROR



12/15

Fig.11A

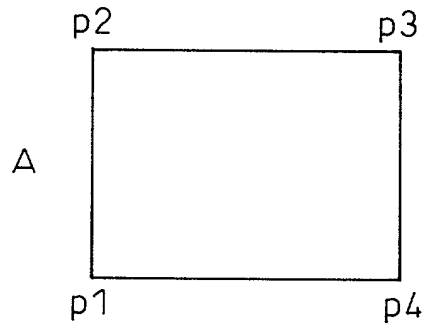


Fig.11B

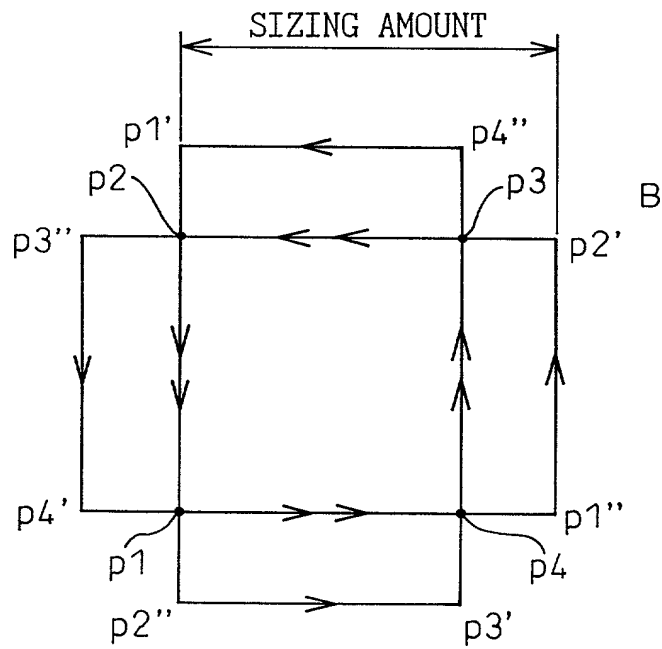


Figure 1 is a diagram illustrating a method for determining a sizing amount. It shows a rectangular shape with vertices  $p1$ ,  $p2$ ,  $p3$ ,  $p4$ ,  $p5$ , and  $p6$ . An internal offset locus line segment is shown with vertices  $p1'$ ,  $p2'$ ,  $p3'$ ,  $p4'$ ,  $p5'$ , and  $p6'$ . A dashed line segment is labeled "OFFSET LOCUS LINE SEGMENT". A dimension line at the bottom is labeled "SIZING AMOUNT".

14/15

Fig.13A

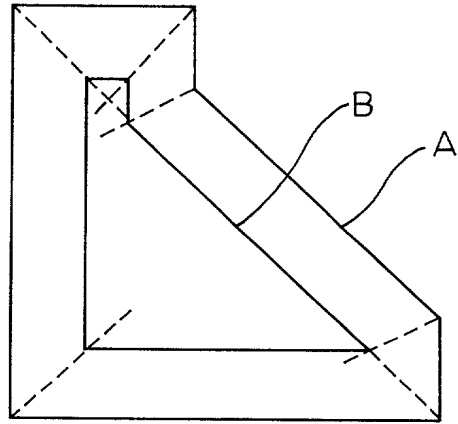


Fig.13B

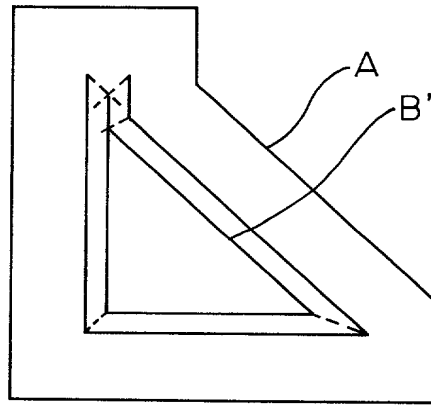
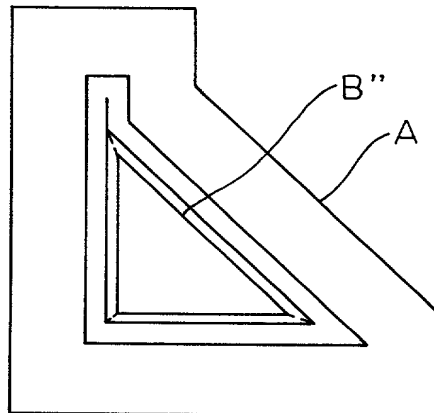


Fig.13C



15/15

Fig.14

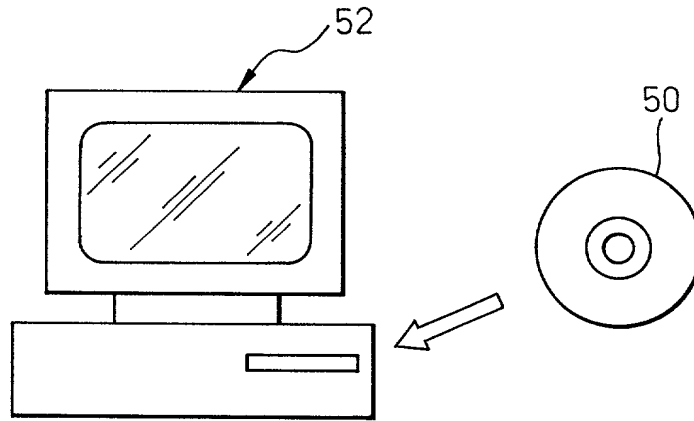


Fig.15

